



ITL PUBLIC SCHOOL

MATHEMATICS

FUN WITH SHAPES

DATE:

NAME:

A. Fill in the blanks.

1. A cube has _____ faces, _____ edges and _____ vertices.
2. A cuboid has _____ faces, _____ edges and _____ vertices.
3. A sphere has no _____, _____ or flat faces.
4. A cylinder has _____ circular faces and _____ curved surface.
5. A cone has _____ circular face and _____ vertex.
6. A 3D shape has length, breadth and _____.
7. A ball is an example of a _____.
8. A dice is shaped like a _____.

B. Name the 3D shape.

1. A shape like a ball → _____
2. A shape like a dice → _____
3. A shape like a shoe box → _____
4. A shape like a tin can → _____
5. A shape like an ice-cream cone → _____
6. A shape with 6 equal square faces → _____

3D Shape	Faces	Edges	Vertices
Cube	_____	_____	_____
Cuboid	_____	_____	_____
Cylinder	_____	_____	_____
Cone	_____	_____	_____
Sphere	_____	_____	_____

C. Complete the table.

D. True or False.

1. A cube has 8 vertices. _____

2. A sphere has a flat face. _____
3. A cylinder has two circular faces. _____
4. A cone has one vertex. _____
5. A cuboid has 12 edges. _____
6. A 3D shape is flat. _____

E. Think and answer.

1. Name two objects around you that are shaped like a cuboid.

2. Name one object that is shaped like a cylinder.

3. Which 3D shape can roll easily in all directions? _____

4. Which 3D shape has only one vertex? _____

F. Match the object with its 3D shape.

- | | |
|-------------------|-------------|
| 1. Dice | a. Cylinder |
| 2. Orange | b. Cone |
| 3. Tin can | c. Cube |
| 4. Ice-cream cone | d. Sphere |
| 5. Shoe box | e. Cuboid |